

FACT SHEET



Kem-Pest Laboratories Superfund Site Cape Girardeau, Missouri

August 2001

INTRODUCTION

The Environmental Protection Agency (EPA) is proposing to delete the Kem-Pest Laboratories Superfund site from the National Priorities List. The Missouri Department of Natural Resources (MDNR) concurs with this action. EPA is asking the public for comments on the deletion.

BACKGROUND

The Kem-Pest Laboratories site covers 6 acres in rural Cape Girardeau County. The site is approximately 3 miles northwest of Cape Girardeau, Missouri.

Kem-Pest Laboratories operated from 1965 to 1977. They formulated liquid pesticides, granular insecticide, granular herbicide, and pesticide dust. A building on the site was used to store equipment and materials.

The formulation and waste disposal practices caused the contamination on the site. The plant wastes were disposed of in an on-site lagoon. They stopped producing and disposing pesticides in 1977. The lagoon was backfilled with clay by the owner in 1981.

In 1984, EPA installed five on-site ground water monitoring wells and collected ground water, soil and sediment samples. Pesticides, and volatile organic compounds were found in the soil, sediment, and ground water samples. The site was added to the National Priorities

Public Comment Period

EPA is requesting comments from the public on the site deletion. Comments will be taken through September 4, 2001.

Please send your comments to:

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If no adverse comments are received on this notice of intent to delete the site from the National Priorities List, the deletion will be effective on September 4, 2001.

List, or NPL, in 1989. The NPL is a list of hazardous waste sites in the country.

The contaminants of concern are heptachlor, chlordane, and endrin in the ground water. Pesticides including aldrin and dieldrin, and various volatile organic compounds were found on and below the surface.

SITE ACTIVITIES

EPA managed the site in two cleanup phases. The first phase addressed the contaminated soils and sediments. The second phase addressed the contaminated ground water and the building on the site.

Soils/sediments: EPA selected a remedy to dig up and get rid of all contaminated soil and sediment. The materials were dug up and taken off site to an approved hazardous waste landfill. Those areas that were dug up were backfilled with clean soil. These areas were also seeded with grass to help keep the soil in place. These cleanup activities were completed in 1993.

Ground water/building: EPA concluded that the ground water did not require any cleanup activities, except continued monitoring. The ground water has been monitored for five years and no significant concerns have been found.

The former pesticide formulation building and basement were decontaminated and demolished. The decontaminated debris was taken to a solid waste landfill. The building demolition site was backfilled with clean soil. This work was completed in 1996.

DELETION ACTION

EPA, and MDNR, have determined that all appropriate actions under Superfund have been completed. Future inspections and maintenance activities will be done to make sure the cleanup action continues to protect human health and the environment.

ADDITIONAL INFORMATION

Additional information about the site and the deletion is available for public review at the following locations:

Cape Girardeau Public Library
711 N. Clark Street
Cape Girardeau, Missouri

EPA Region 7
Superfund Records Center
901 N. 5th Street
Kansas City, Kansas

If you have questions about the site or the deletion, please contact:

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